

Appl. No.
Amdt. Dated July 28, 2005
Reply to Office Action of

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-5 (Canceled).

6. (Currently Amended) A solid-state imaging device having a light-receiving portion of a pixel formed in a region ~~on the~~ of a substrate surface, a convex lens with an upwardly curved surface ~~which is~~ positioned above the light-receiving portion and embedded in an inter-layer dielectric, and an on-chip lens formed above said convex lens, characterized in that said convex lens is formed ~~on the~~ over a depression in the surface of the underlying inter-layer dielectric such that the lower part of the lens which is made of ~~[[the]]~~ a light transmitting material filling said depression is integral with the upper part of the lens which is made of the same light transmitting material ~~as that of the lower part of the lens~~ and has the convexly curved lens surface, wherein said light transmitting material is comprised of P-SiN or P-SiO₂.